

What is claimed is:

1. An electronic photographing apparatus comprising:
  - a developer including a toner and a carrier;
  - a development unit including a developer roll having magnetic poles therein;
  - a development bias power source for applying to the developer roll a development bias voltage where an AC voltage is superimposed on a DC voltage; and
  - a photosensitive body,wherein the electronic photographing apparatus develops a latent image on the photosensitive body by using the toner to form an image and the ratio of the volume of the carrier in a space sandwiched between the developer roll and the photosensitive body is within a range of from 32 percent to 46 percent.
2. The electronic photograph apparatus according to claim 1, wherein the carrier has resistivity of  $3 \times 10^{10} \Omega \text{ cm}$  or more under a field strength of 2000 V/cm.